



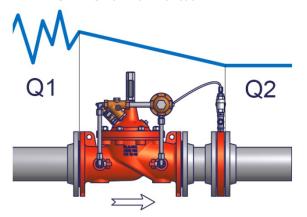
# Flow Control Valve with On/Off Level Control

2-Way On/Off Level Control

### Simple, Reliable and Accurate

- Completely Automatic Operation
- Easy Adjustment and Maintenance
- Quality Approved Materials
- World Wide Support

#### CLA-VAL SERIES 40 Main Function





The CLA-VAL SERIES 40 is used to accurately limit excessive flow to a preselected maximum rate (Flow Control) regardless of changes in pressure and/or varying inlet flow.

The Orifice Plate Assembly is included.

#### ▶ CLA-VAL 40-CF9 Typical Application

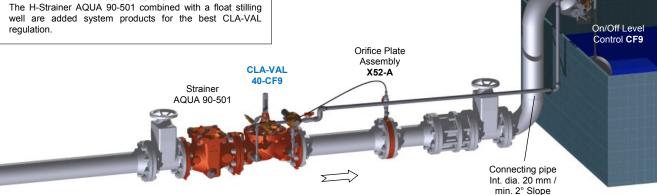
The CLA-VAL 40-CF9 is designed to fill up a tank at a constant flow rate in order to prevent the drop of flow in an upper zone. The valve opens (On) when the liquid level reaches a preset low level and closes drip tight (Off) when the level reaches a preset high level. An orifice plate, mounted on the outlet of the valve, controls the flow rate and prevents any cavitation.

The Float Control may be installed at any elevation provided P1 (expresser in length) > D.

#### Make your Valve even Better!

LFS Option? Control Low flows or night flows KO Option? Extend valve life with Anti-Cavitation trim KG1 Option? Use stem cleaning for harsh water Maintenance? Check on periodic maintenance Environment? Adapt to high temperatures or frost risk Security? Add hydraulic safety back-up to your valve Protection? Remove excessive system overpressures Corrosion? Protect your valve with upgraded materials Not just Products but Solutions: contact CLA-VAL!

## Recommended typical assembly for CLA-VAL automatic control valves The H Strainer ACMA 90 504 combined with a fleat ctilling



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